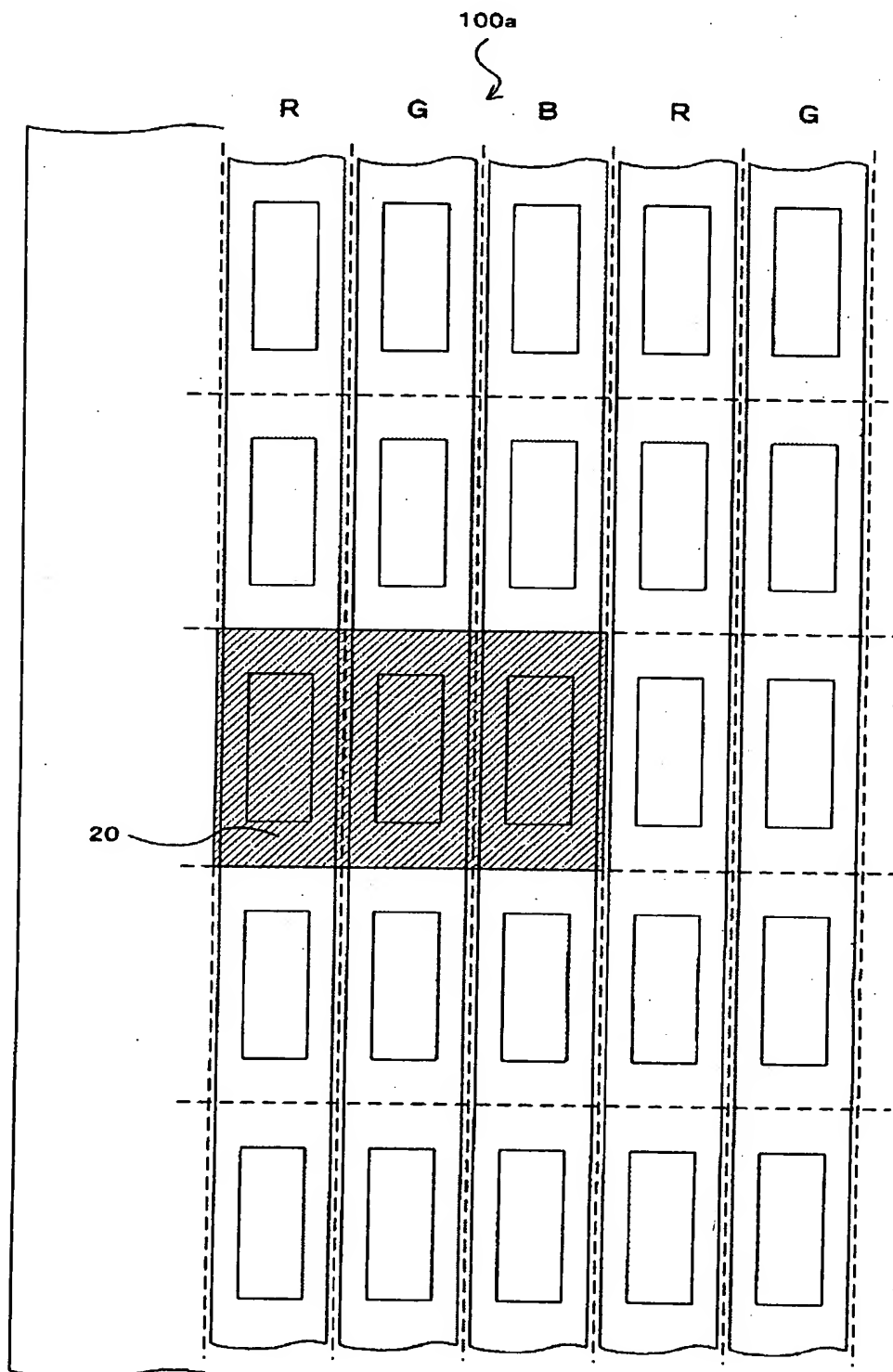


FIG. 2



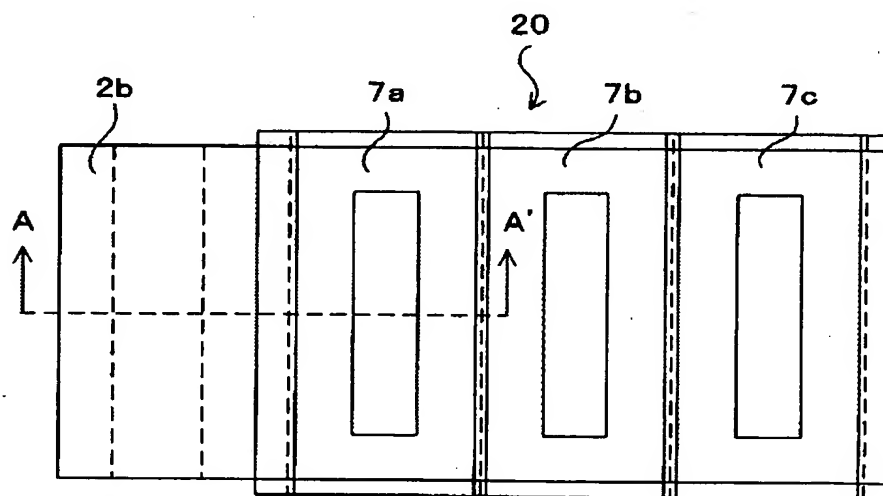


FIG. 3A

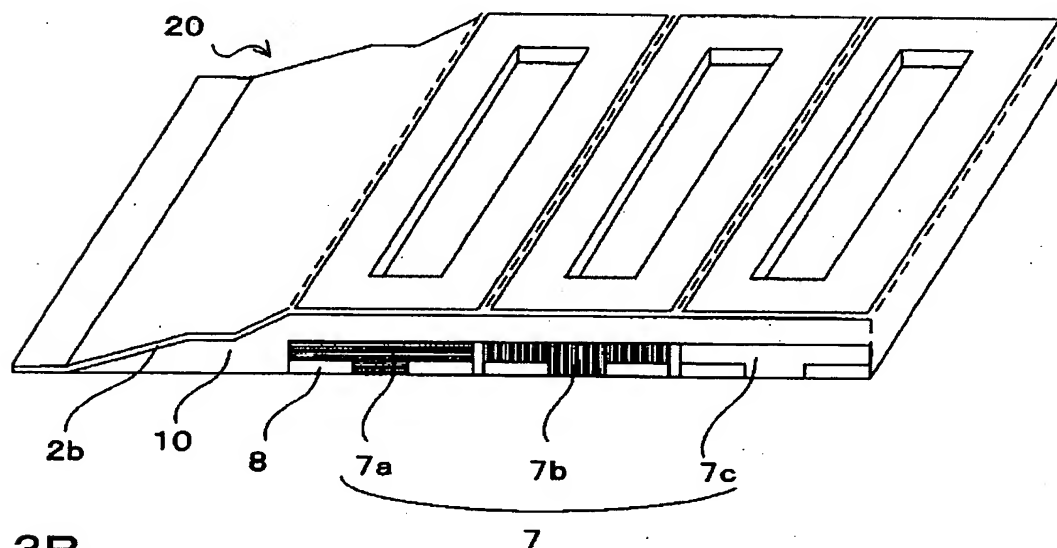


FIG. 3B

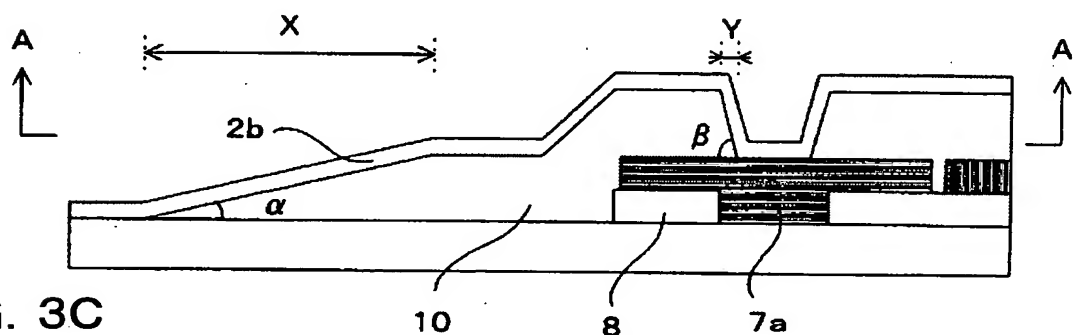


FIG. 3C

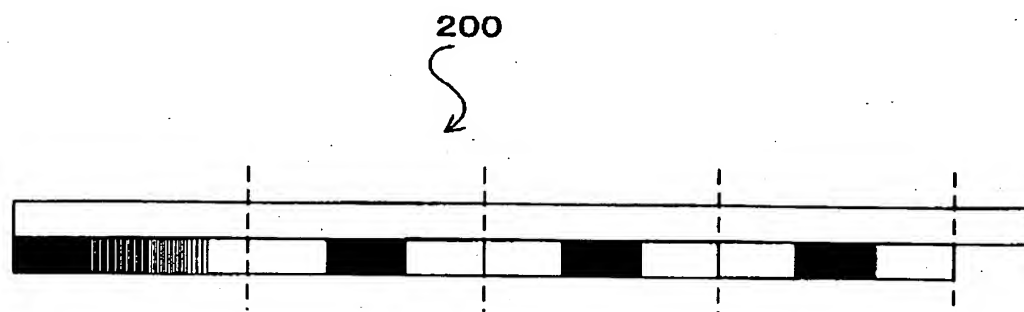


FIG. 4A

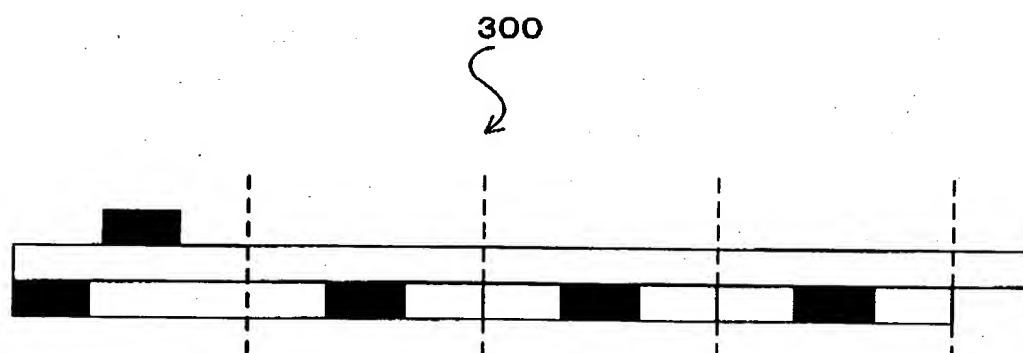


FIG. 4B

FIG. 5

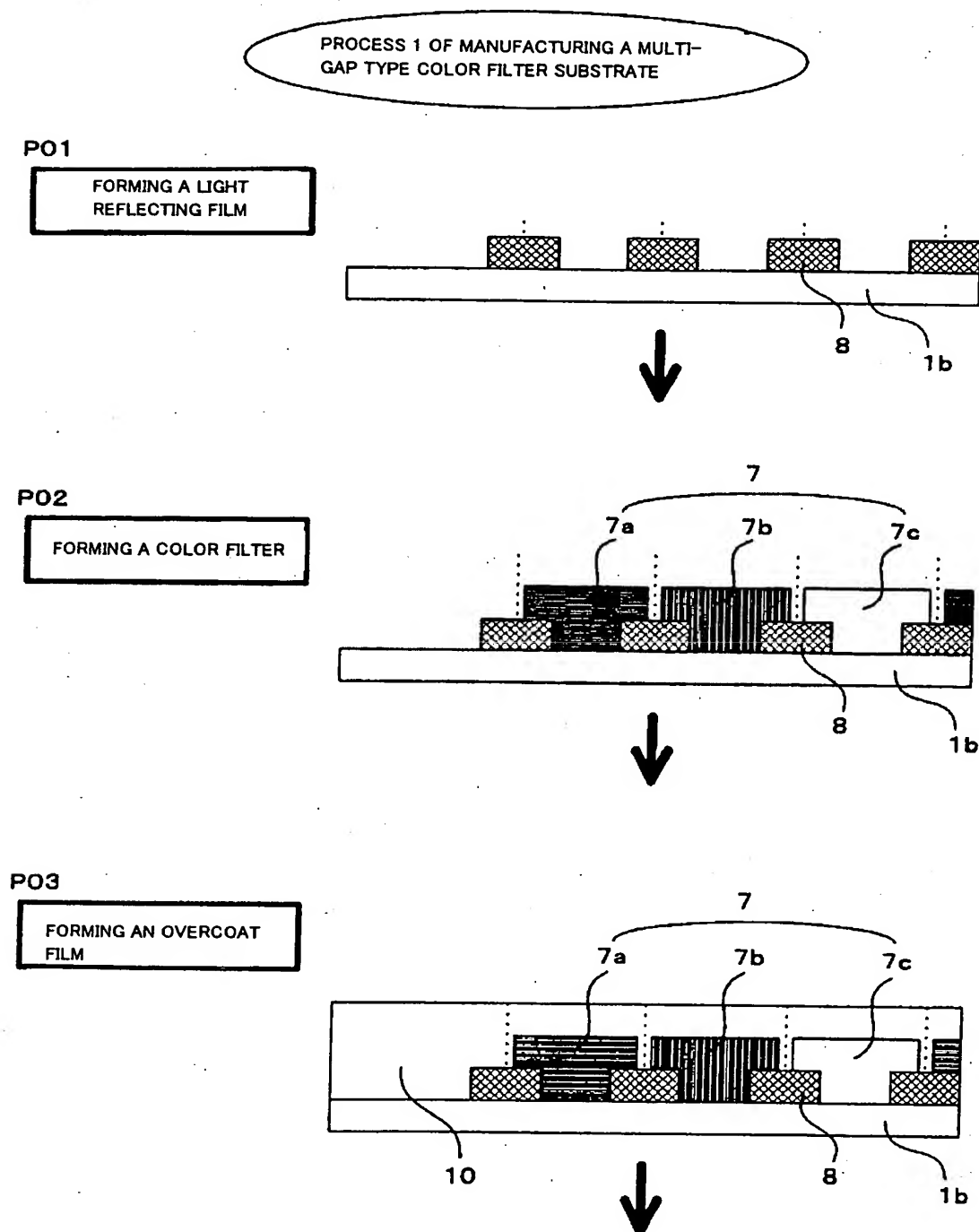
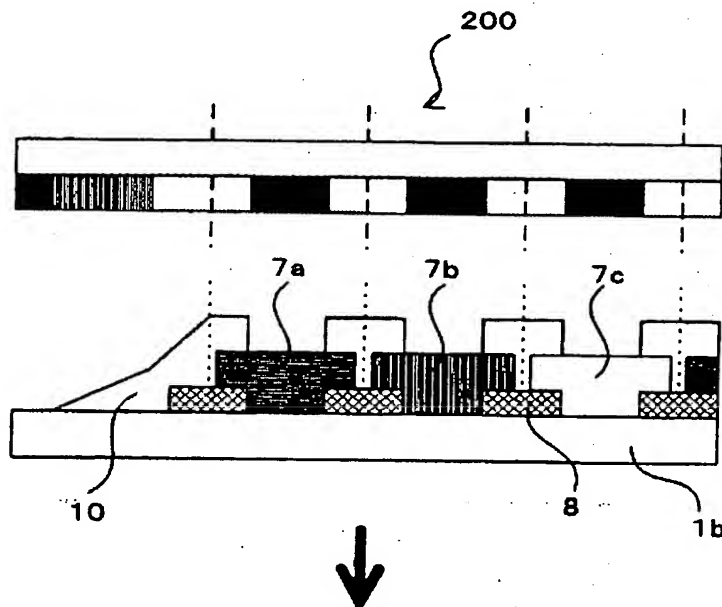


FIG. 6

PROCESS 2 OF MANUFACTURING THE MULTI-
GAP TYPE COLOR FILTER SUBSTRATE

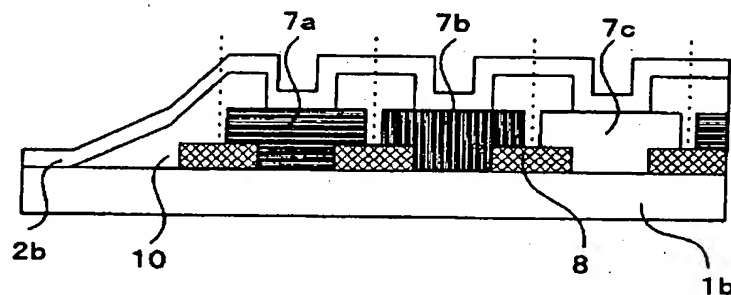
P04

PATTERNING THE
OVERCOAT FILM



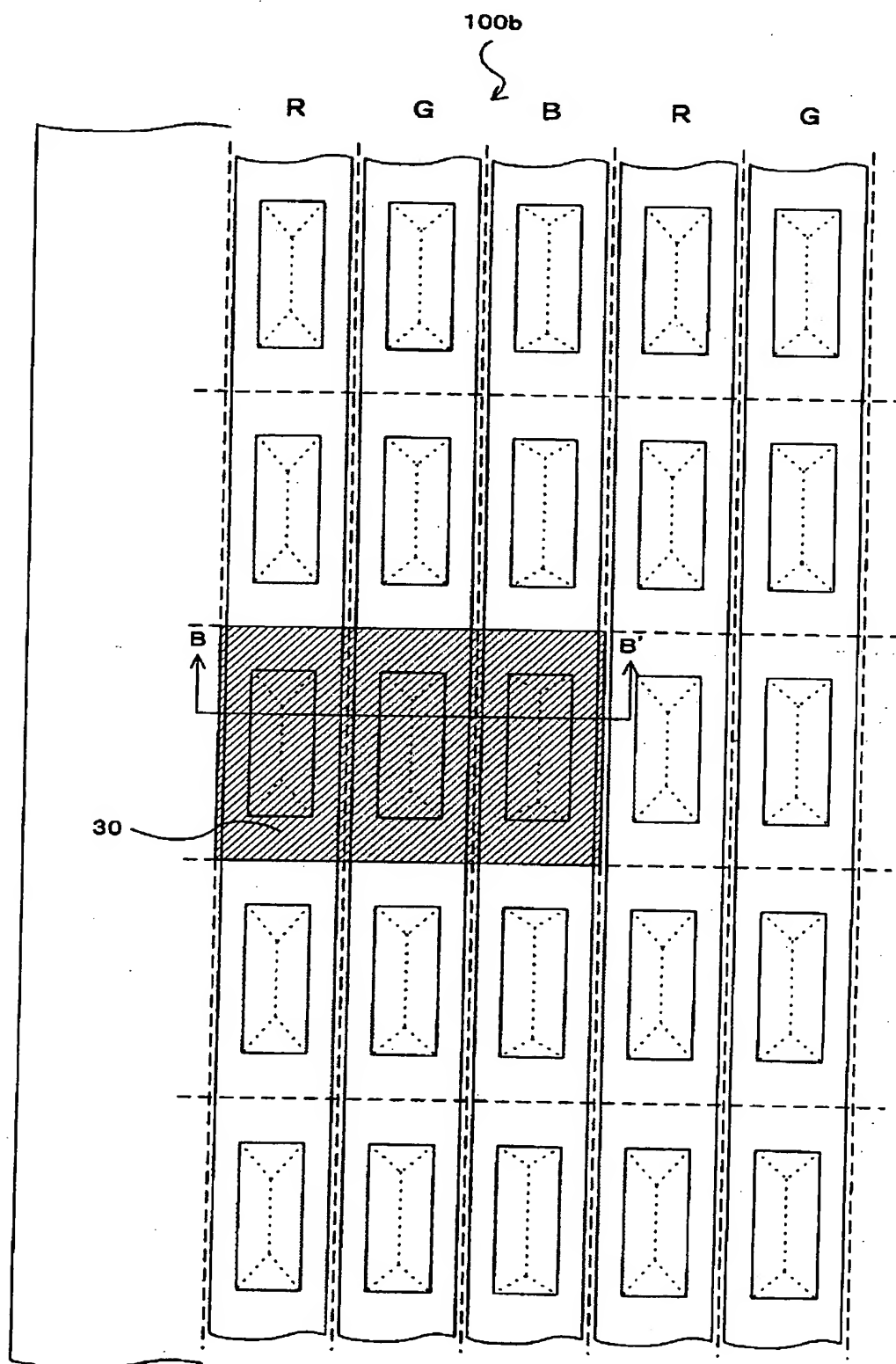
P05

FORMING A TRANSPARENT
ELECTRODE



A cross-sectional view of a reflective display device 100B. The device consists of a substrate 1a with a top surface layer 5a and a bottom surface layer 6a. A central region is designated as the REFLECTIVE DISPLAY REGION 4, which contains a series of vertical ridges or pillars 7a, 7b, 7c, 8, 9, 10, 11a, 11b, 11c. These pillars are formed by a material 2a. The pillars are separated by gaps 2b, 2c, 3, 4, 5, 6, 7, 8, 9, 10, 11. The entire assembly is covered by a protective layer 1b. The device is shown in a perspective view, with a dashed line indicating the boundary between the reflective display region 4 and the surrounding areas.

FIG. 8



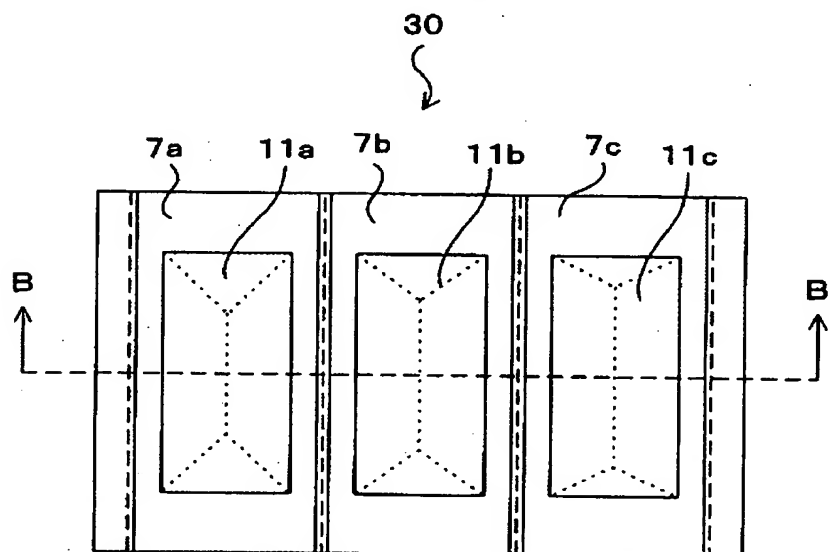


FIG. 9A

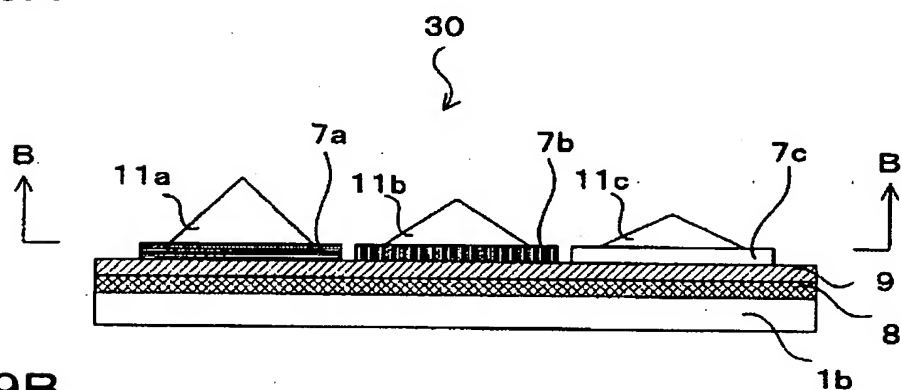


FIG. 9B

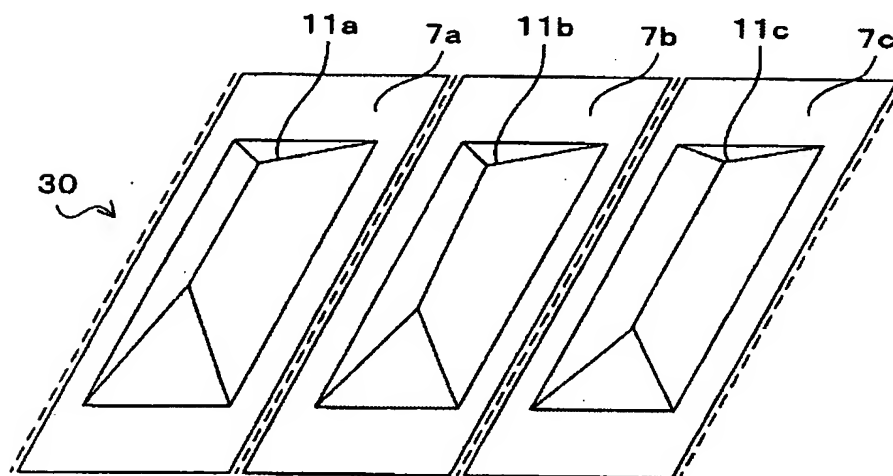


FIG. 9C

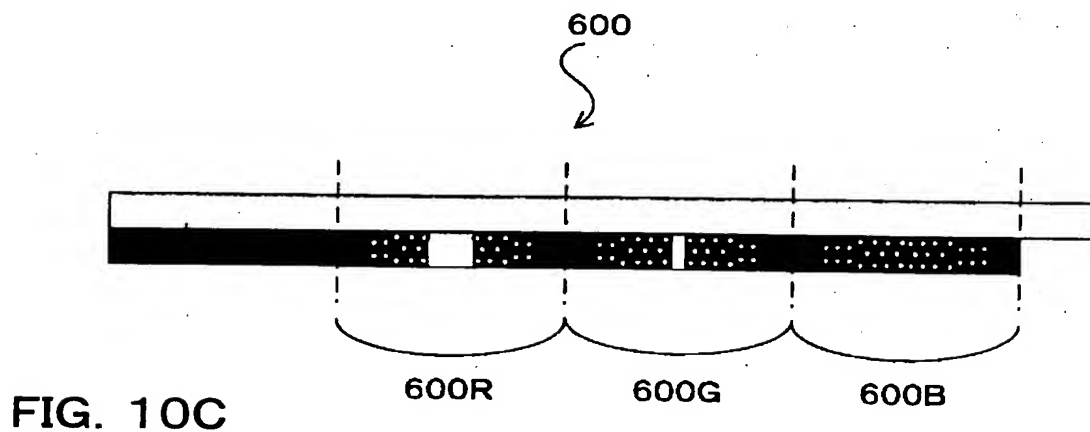
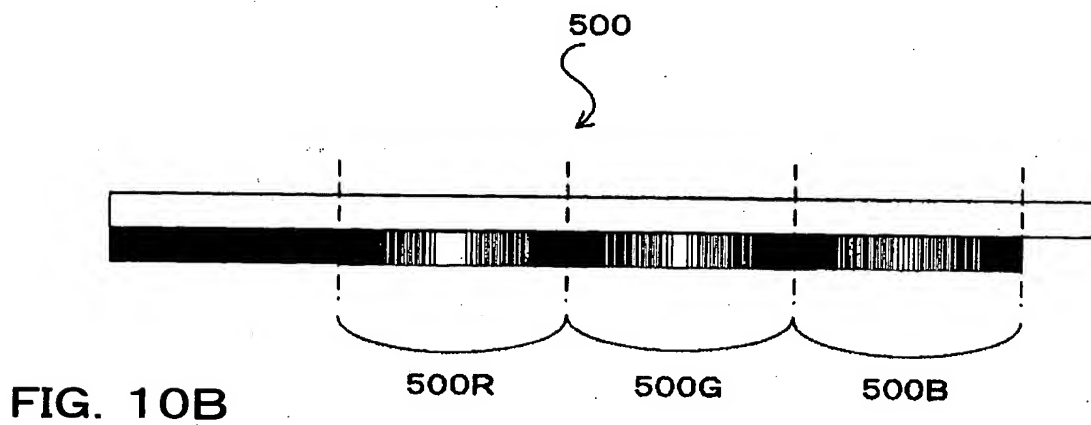
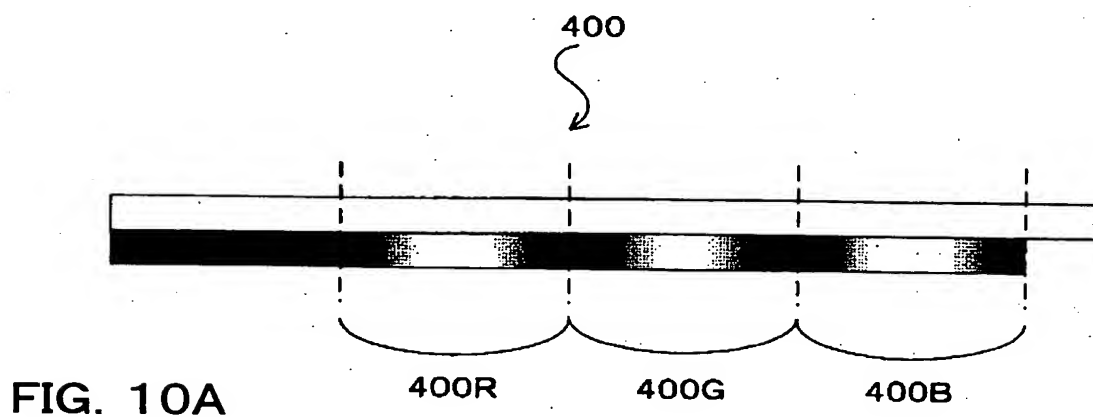
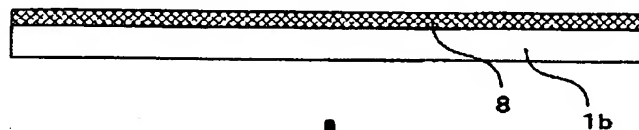


FIG. 11

PROCESS 1 OF MANUFACTURING A COLOR FILTER
SUBSTRATE FOR VERTICAL ALIGNMENT CONTROL

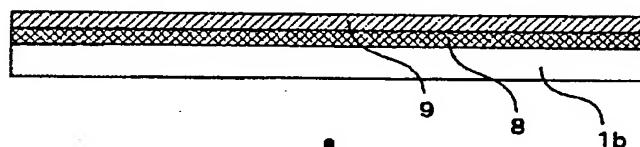
T01

FORMING A LIGHT
REFLECTING FILM



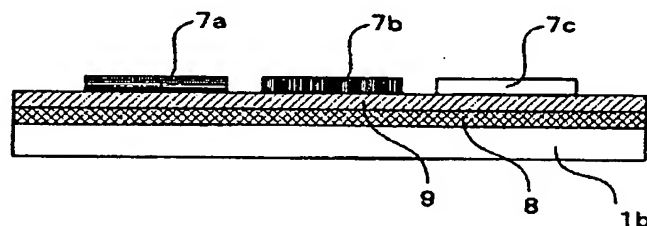
T02

FORMING A
INSULATING FILM



T03

FORMING A COLOR FILTER



T04

COATING ALIGNMENT CONTROL
PROTRUSION MATERIAL

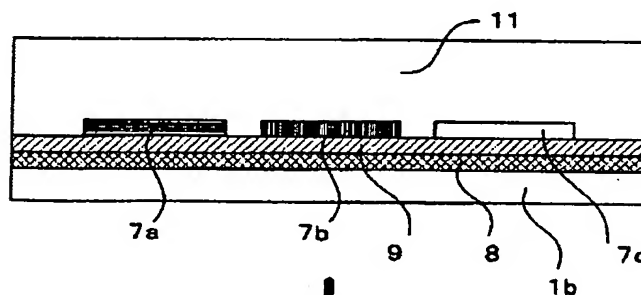
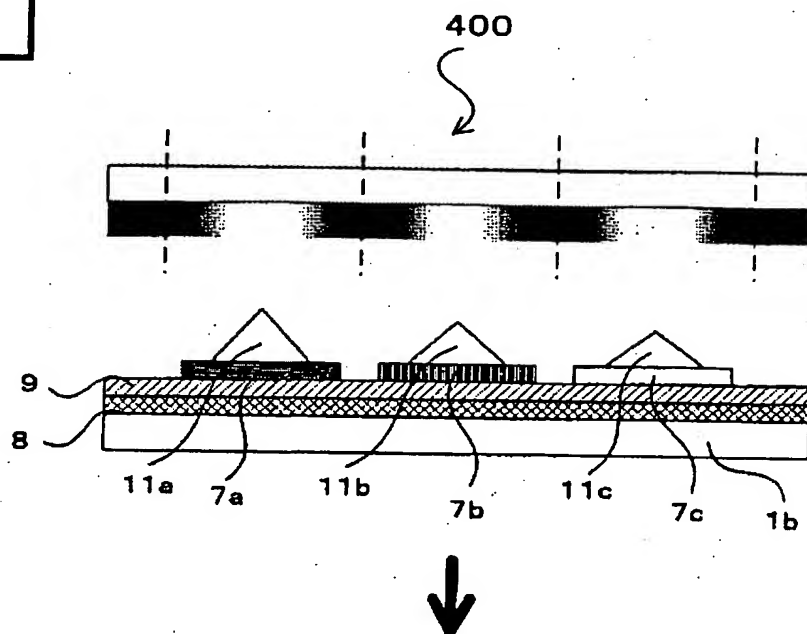


FIG. 12

PROCESS 2 OF MANUFACTURING THE COLOR FILTER
SUBSTRATE FOR VERTICAL ALIGNMENT CONTROL

T05

PATTERNING ALIGNMENT
CONTROL PROTRUSIONS



T06

FORMING A TRANSPARENT
ELECTRODE

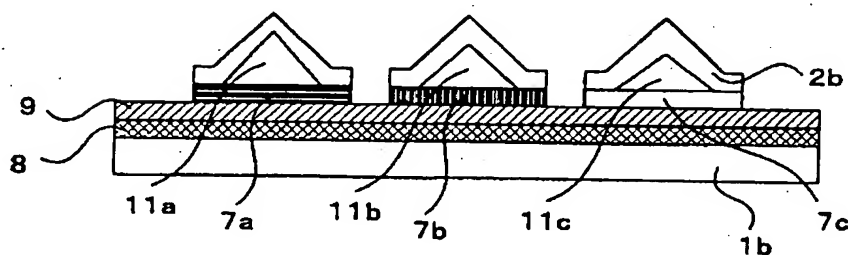


FIG. 13

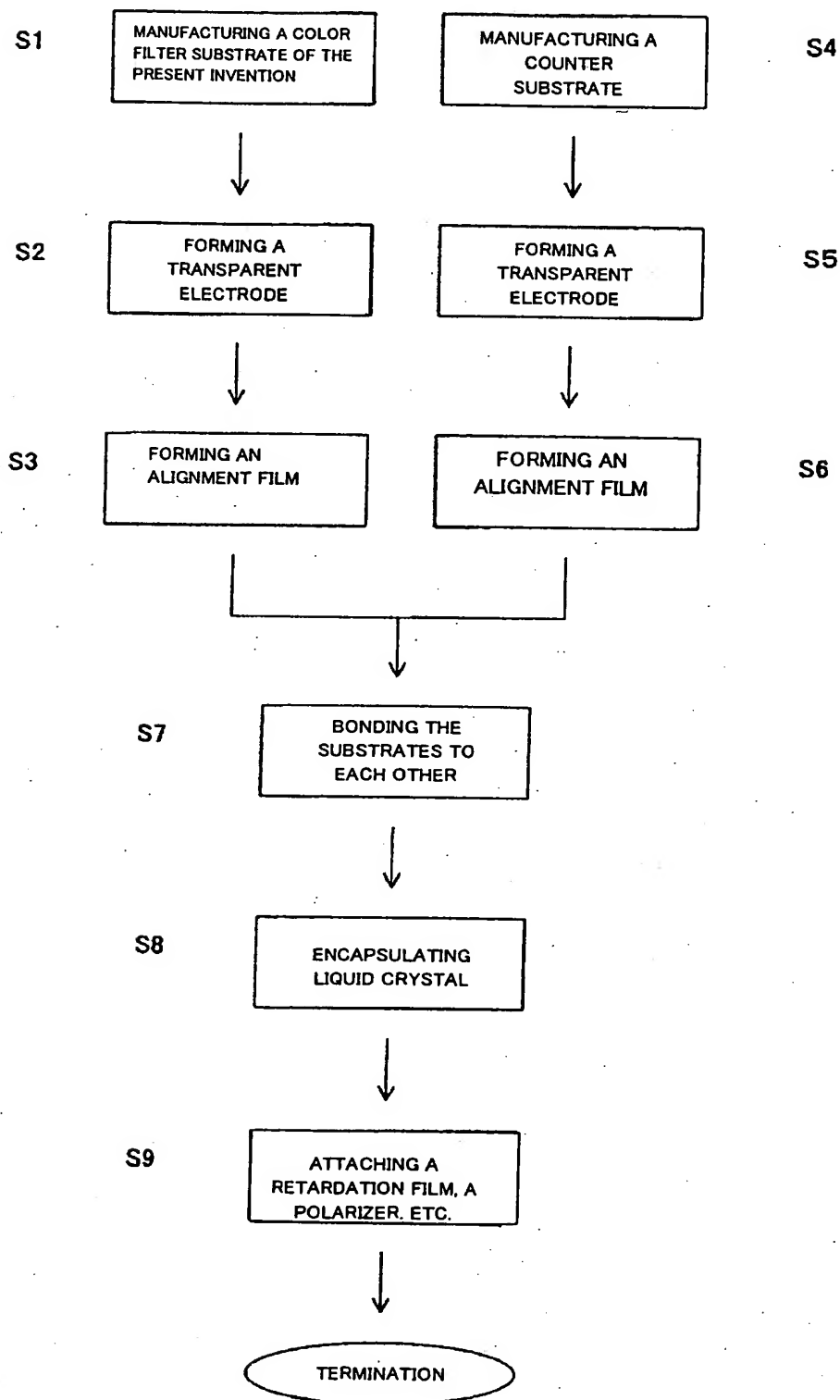


FIG. 14

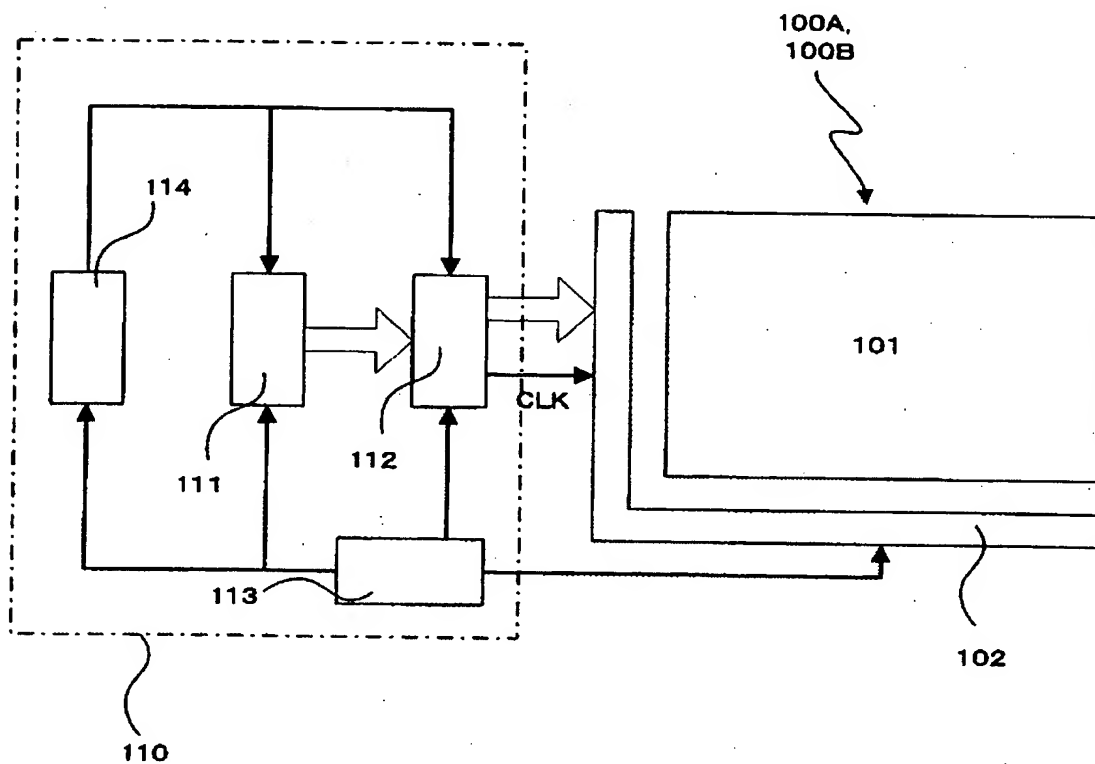


FIG. 15A

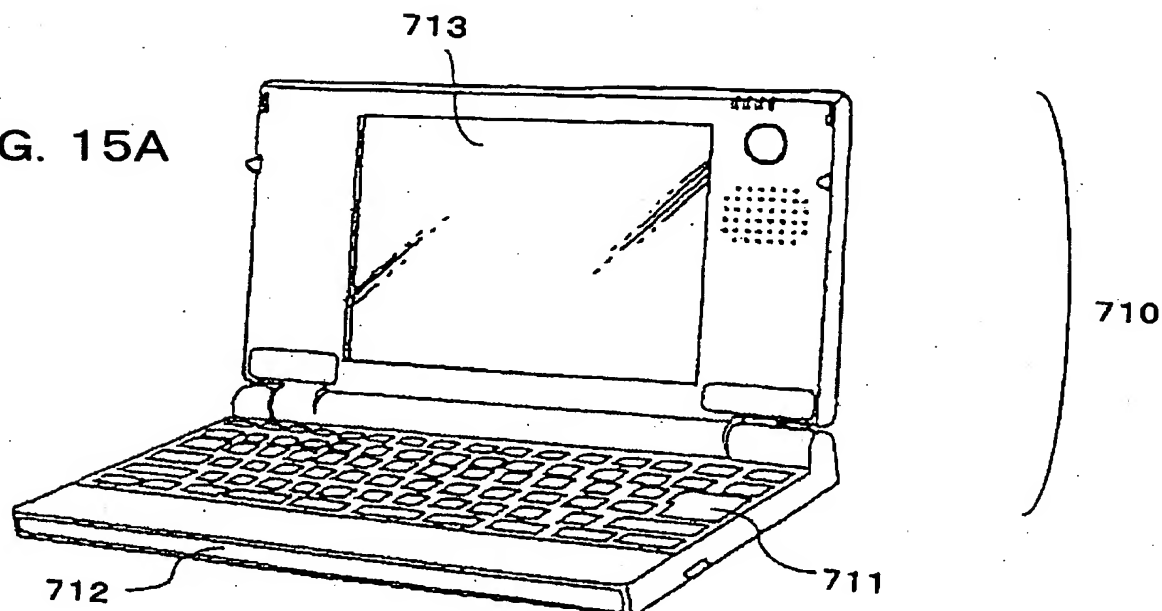


FIG. 15B

